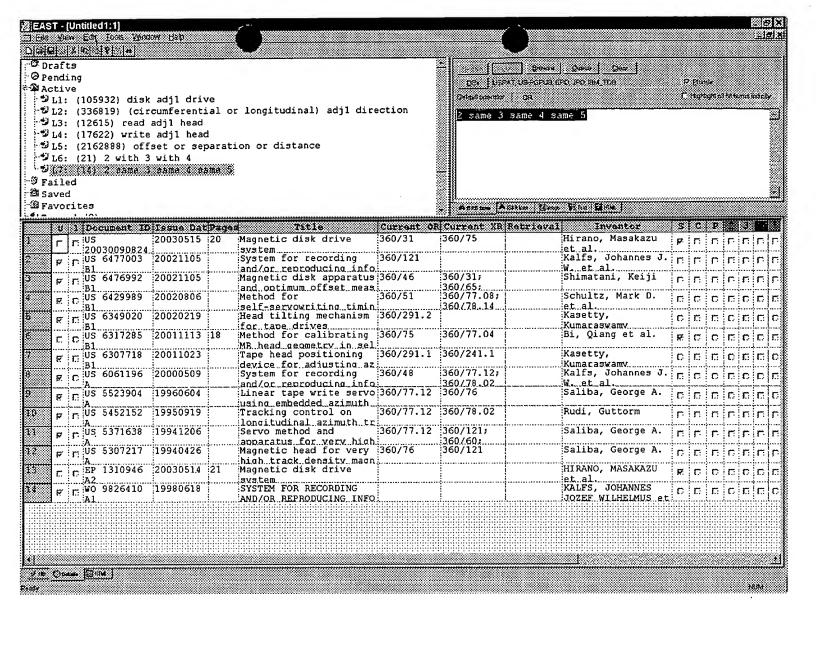
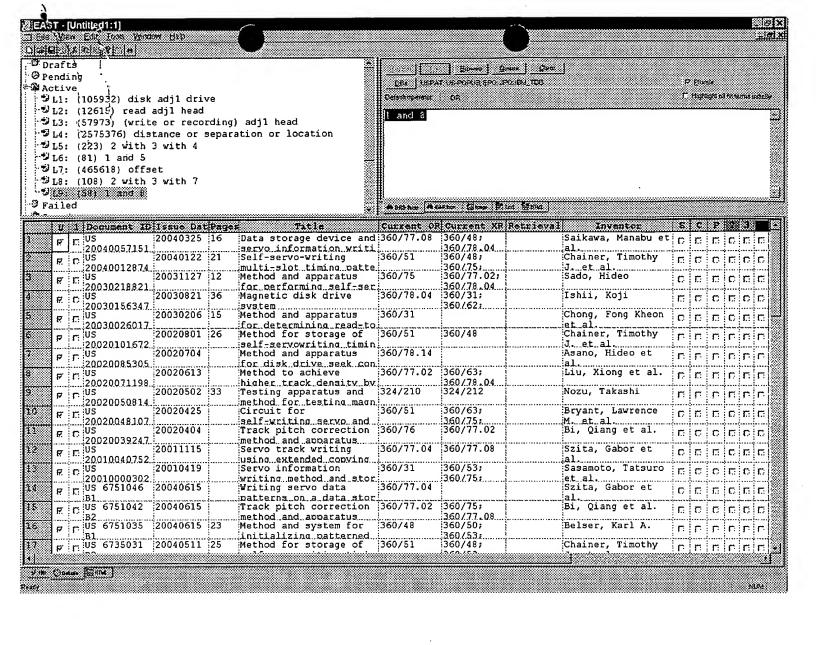


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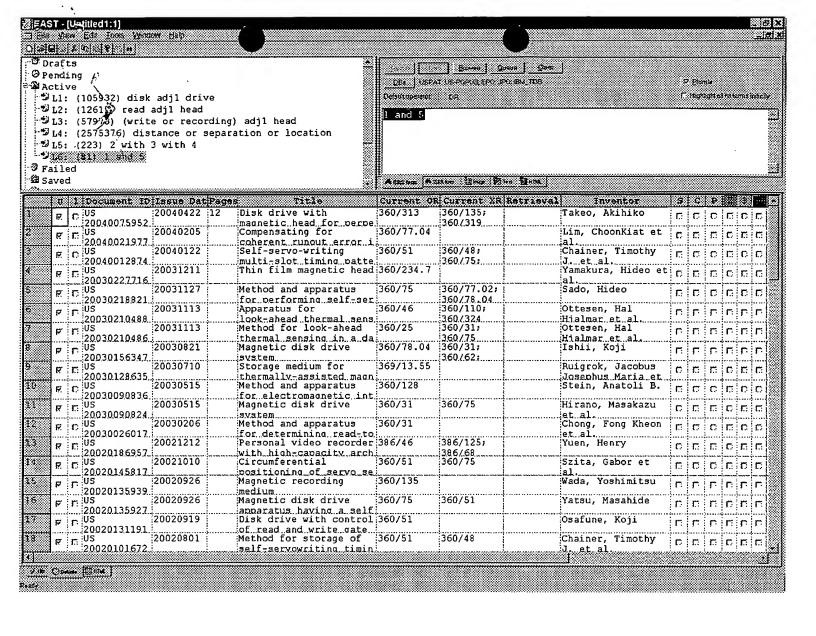
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JS	20030821 36	Magnetic disk drive	360/78.04	360/31;	Ishii, Koji	C	Γ.	<i>T</i> .:	c r	: (
20030156347. JS	20030515	Magnetic disk drive	360/31	360/75	Hirano, Masakazu	r.	C	0	Γ. τ	2 1
20030090629.	20020919	System Disk drive with control	360/51	<u> </u>	et al. Osafune, Koji	ļ		•••••		٠
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JS 6317285 B1	20011113		360/75	360/77.04	B1, Q1ang et al.	r	Ľ	n	ពុវា	3
JS 6137646	20001024	Disk apparatus using	360/51	360/53	Okamura, Eiji et	г	r	r	r r	1
JS 6130804	20001010	Four channel azimuth	360/241.1	360/76	Panish, Joseph M.	r	٦	r	r: r	
Δ	20000118		713/300	365/227;	Ono, Chihiro	Г	г	г	r r	- 1
A	<u> </u>	apparatus with program	360/15	711/100;	Scholz Werner et			.	.	j.
٨	:	with housing in which p		360/74.1:	al.	ļ		·•··••		
Δ.	i	Four channel azimuth and two channel non-azi		300/ /8.02	et al.	C	r	г.	c r	1
js 5963398	19991005	Disk apparatus with	360/264.7		Tohkairin, Koichi	r.	ព	C	ה נ	۱:
JS 5867339	19990202	Two channel azimuth and			Panish, Joseph M.	n	г	П	c r	-
Λ.	.i	two.channel.non-azimuth Head positioning	360/77.08	360/78.14	:Saiki, Masaru et	į				· -
A	19980721	control for disk_appara	360/78-14	360/78.04	Nishimura, Kazuo			-	<u>-</u>	;-
Δ.		apparatus, recording an			et al					٠÷
Λ		system with a composite	<u> </u>		al.	r	г	r	r r	1
JS 5636075	19970603	Magnetic disk				r	٣	r	r: r	١
	19930511	Method, apparatus and	386/3		De Haan, Gerard	Г	r	r	r r	1
A JS 4912585	19900327	Discrete track thin	360/135	360/131	Belser, Karl A. et	Γ.	r	C	Γ. ε	;
Λ.			360/96.5	360/93	:al. :Uemura, Yasuhiro			····-i		∳-
		mechanism for a magneti				¿			·	<u>}</u> .
		system			et al.	Г.		C	רבי נ	
EP 339851 A2	19891102	A magnetic record disk		360/75		C	r:	r:	n n	:
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₽ E US 6714376	20040330 14	Partial servo write	360/75		Brunnett, Don et	0000000
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B2 F r. US 6690538	20040210	method for testing magn Disk drive device and	360/78.08		Saito, Tomoaki et	
B1	20031118 24	access_sequence_therefo System and method for	360/31	360/53;	al. Suzuki, Hiroaki et	
B2	20031007	setting a read/write of		360/77.02; 360/51;	Szita, Gabor et	1. 0 0 1. 0 1.
F F US 6631046		Servo track writingusing extendedcopving		360/77.07;	al.	
р г. US 6611396 В1	20030826	Disk level servo write	360/77.04	Ì	Kermiche, Noureddine et al.	rrnrr
p r US 6600636	20030729 13	Magnetic head with write element offset fr	360/317		Liikanen, Bruce et al.	n n n n r
g r US 6597530	20030722	Method and apparatus		360/77.04	Asano, Hideo et	nnnn
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B1 F r US 6522493	20030218	arrangement for a disk Position error signal	360/75	360/266 360/77.08	Dobbek, Jeff J. et	
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F E US 6515818	20030204	Track follow at quarter track with narrow heads	<u>.</u>	360/77.02	Harmer, Brent Jay	
и с US 6512649	20030128	Method for differentially writing	360/68	327/110	Alini, Roberto et al.	
F I US 6476992	20021105 21	Magnetic disk apparatus and optimum offset meas	360/46	360/31; 360/65;	Shimatani, Keiji	0 0 0 0 0
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B1 US 6429995	20020806	for disk drive seek con Position error signal	360/77.08	360/77.08;	al. Dobbek, Jeff J. et	rrrrr
B1 F US 6320718	20011120	Calibration using measu. Disk drive with zero	360/77.04	360/77.08	al. Bouwkamp, Timothy	
XXI : : : : : : : : : : : : : : : : : :	20011113 18	read offset in reserved	•	360/77.04	D. et al.	rrrrr
F C B1		MR head geometry in sel			Bi, Qiang et al.	
F r US 6295176	20010925	Apparatus and process for identifying sectors		360/51	Reddy, Prafulla B. et al.	
₽ C US 6185063	20010206	Methods and apparatus for overlapping data tr	360/78.04	360/75	Cameron, T. Jay	
F r. US 6172838	20010109	Disk unit creating a	360/77.04	360/50	Ohba, Kazuhide	0 5 5 6 5
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A F L US 6049440	20000411	Self written read/write		360/77.08	Shu, Andrew	
F T US 6031682	20000229 11	track servo parameter f	360/77.12	360/76;	Nelson, Gary T.	
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8881 ** : ** : ** : ** : ** : ** :	20010923	for identifying sectors		300/31	et al.	
g r US 6185063	20010206	Methods and apparatus	360/78.04	360/75	Cameron, T. Jay	
‱ B1		for overlapping data tr		260/50	Ohba, Kazuhide	<u> </u>
R C US 6172838	20010109	Disk unit creating a	360/77.04	360/50	Onba, Kazunide	
CO704CA	20000620	Head positioning	360/77.04	i	Moriva, Kazunori	
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F C US 6025971	20000215	Magnetic disk drive	360/77.08	360/48;	Inoue, Tetsuo et	ссгссг
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g n US 6005751	19991221 9		360/244	360/121	Kazmierczak,	
E C US 5978167	19991102	read gap/write gap posi Disk unit creating a	360/77.04	360/78.04	Frederick F. et al. Abe, Takao	
	13331102	position sensitivity co			,	
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R C US 5859740	19990112 3	information storage	360/77.02	360/48;	Takeda, Toru et	
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₩ F US 5831782	19981103	Method and apparatus	360/66	360/46;	Kohno, Keiichi et	
∞ Δ: : E	19981020	for supplying optimal b		360/55 360/77.02	Cheung, Wayne	-
р г US 5825579	19981020	sensing gain normalizat		300/77.02	Leung et al.	
p C US 5818654	19981006	Apparatus and process	360/53	360/48;	Reddy, Prafulla B.	r r r r r
∭ ' ' ' A	<u> </u>	for managing defective.		360/49:	et al.	
₽ F US 5805373	19980908	Head position error		360/78.04	Hara, Takeyori et	n n n n n
A US 5801908	19980901 2	compensation in disk dr Magnetic disk drive		360/264.5;	al. Akiyama, Junichi	
∭ ". · · · · · · · · · · · · · · · · · ·		comprising rotary actua		360/313	et al.	
r i∷ US 5801897	19980901	Head positioning	360/78.14	360/77.08;	Kanda, Hiroyuki et	c c c c c c
A		control system for use		360/77.11:	al.	<u> </u>
R C US 5796543	19980818 2	O Data track pattern including embedded serv		360/48	Ton-That, Luan	
F □ US 5786957	19980728	Magnetic disk device	360/77.08	†	Inoue, Tetsuo et	
3331 1 : 1 : 1 x	1	using_non-aligned_read_	<u> </u>	<u> </u>	al.	
R C US 5694265	19971202	Disk apparatus for	360/77.05		Kosugi, Tatsuhiko	
" A US 5691857	19971125	detecting position of h Method using matched	360/77.06	360/78.14	et al. Fitzpatrick, James	
	1	filters for determining		360/65;	et al.	
F F US 5587850	19961224 2	O Data track pattern	360/77.08	360/77.06	Ton-that, Luan	
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44 F C US 6339523 20020115	Write head before read		360/126	Santini, Hugo Alberto Emilio	
#5 F. C US 6330122 20011211	:Magnetic tester for	360/31	360/234.3;	Chang, Thomas	
" : " B1	disk surface scan		360/319	Young et al.	
46 ਵ ਸ਼ US 6317285 20011113 81	Method for calibrating MR head geometry in s		360/77.04	Bi, Qiang et al.	
47 F C US 6278748 20010821	Rate 5/6 maximum	375/341	341/59;	Fu, Leo et al.	
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49 p US 6130798 20001010	Hardware PES calculate	or 360/77.05	360/77.07	Chang, Dar-Der et	
A	Head device having	360/324.11	360/66	al. Yamamoto, Kotaro	
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32 F L US 6104568 20000815	Servo-burst gray code		360/48;	Drouin, David et	0 0 0 0 0 0
A US 6081397 20000627	method and apparatus	360/51	360/49 360/47;	al. Belser, Karl	
	for SID-to-SID period	Δ.	360/77.08:	Arnold	. i
g n US 6052250 20000418	Disk drive with		360/78.14	Golowka, Daniel et	
A C US 6031682 20000229	separately determined. Track trimming and		:360/76;	al. Nelson, Gary T.	
Δ	orthogonal recording.	£o.	360/77.07		······································
F F: US 6014283 20000111	Non-quadrature servo burst pattern for mic	360/77.08	360/77.02	Codilian, Raffi e	
e r us 6005751 19991221	Recording head skewed		360/121	Kazmierczak,	
A 505 6000 10000001	read gap/write gap por Method of and apparatu	9i	: 360/78.04	Frederick F. et a Kohno, Keiichi et	<u> </u>
M 1.: λ	for controlling magnet	ti	3607 76.04	al.	
8 F C US 5953180 19990914	Multi-mode suspension	360/97.02	360/234.3;	Frater, Norman	rnnnn
Α	oopulated actuator for Automated head wire	360/245.8	360/244;	Kermit et al. Albrecht, David	
00000001 : A	stringing, termination	n.		William et al.	
0 F r US 5910862 19990608	Magnetic disk apparat	us 360/97.01	360/98.01	Ogawa, Yoshinori	rrrrr
A C US 5892634 19990406	Method and apparatus	360/77.08	360/48	et al. Ito, Hiroshi et	
0000000di	for heat positioning	co.		al.	
g r US 5859740 19990112	Information storage	360/77.02	360/48; 360/78.04	Takeda, Toru et	
A C US 5801908 19980901	disc and information Magnetic disk drive		360/264.5;	al. Akiyama, Junichi	
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4 F F: US 5796543 19980818	Data track pattern including embedded se	360/77.08	360/48	Ton-That, Luan	
E C US 5745639 19980428	Apparatus for improvi		386/125;	Gensheimer, Joseph	
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7 F US 5646806 19970708	Edge tensioning slopi	ng 360/130.22	360/130.21	Griffith, Neil J.	rnnene
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g r US 5953180 19990914	Multi-mode suspension		360/234.3;	Frater, Norman	C	F	г	Ε.	Γ.
M A	populated actuator for	or	3.60/244;	Kermit et al.				, -	
ж с US 5930078 19990727	Automated head wire stringing terminati	360/245.8		Albrecht, David William et al.	Γ.	C	C	, E. ;	C
F L US 5910862 19990608	Magnetic disk appara	tus:360/97.01	360/98.01	Ogawa, Yoshinori		T.	-		,
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P C US 5682274 19971028	Method and apparatus		360/77.08	Brown, Dana Henry	г	r	C	r:	n
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F r. US 5646806 19970708	Edge tensioning slop: tape quide for arcua		360/130.21	Griffith, Neil J.	C	T.	T.	C :	r:
E C US 5587850 19961224	Data track pattern		360/77.06	Ton-that, Luan	-	C			_
	including embedded se	erv			1				
F C US 5438747 19950808	Method of making a t		204/192.34	Krounbi, Mohamad	C	Π.	r: !	C	r:
A 5410022 10050520	film merged MR head was Method of making load		<i>i</i>	T. et al. Brooks, Jr.,				····÷	• • • •
E C 02 2413022 13320230	spring manufacturing			William W. et al.	r	n i	C	r	C
g n US 5229901 19930720	Side-by-side read/wr:		360/121;	Mallary, Michael	F.	Γ.		<u></u>	_
	heads with rotary oo:		360/77.02;	<u>L</u> <u>L</u>				,	
p r US 5074029 19911224	Method for stringing		29/747;	Brooks, Jr.,	Г	r:	T:	Γ.	r
P C US 4833418 19890523	wire on an actuator : Compensation circuit		29/854; 330/258;	William W. et al. Quintus, John J.			_		
	for nullifying diffe		330/259	et al.		۳	Г		Г.
r US 4796125 19890103	Optimizing the	360/77.12	360/78.02	Karsh, Herbert	r	r	r	r.	r
686d 7A	positioning of a pai		29/418;	Matauraga Winashi	·				
ក C US 4696099 19870929	Method of producing a	29/603.1	29/603.16	Matsunaga, Hiroshi et al.	Γ.	E	C	П	េ
g n US 4685013 19870804	Magnetic tape head	360/125	360/137;	Joannou, Kyriacos		Γ.	-		-
*****	alignment system		360/25	et al.					
R C US 4637023 19870113	Digital data error	714/54	360/53	:Lounsbury, David	п	C	O	Π.	c i
R I∷ US 4539608 19850903	Low offset position	d.a: 360/77.05	318/684	M. et al. Hill, John P. et	† <u></u> -†			, 	
8881 : <u>1</u>	demodular.	300717.03	720,004	al.	C	n	Ε:	C	1.5
g c US 4530019 19850716	Servo pattern	360/77.08	360/135	Penniman, Steven	Г	C	C		C
*** A			ļ	K. ISHII, KOJI			·····• •		
F C JP 20030905	MAGNETIC DISK DRIVE SYSTEM	•		ISHII, KOJI	D	Ð	D.	C	n į
F F EP 1310946 20030514	Magnetic disk drive		 	HIRANO, MASAKAZU		r	_	-	
F A2	system		<u>[</u>	et al.	11.	1:	1:]		•
ti Çipalası (Bilina)								***	

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